

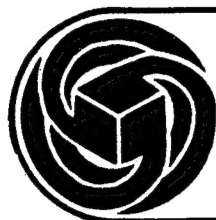
**SCHEMATIC DIAGRAMS**

**MOD.**

**F 50**

**ELECTRONIC ORGANS**

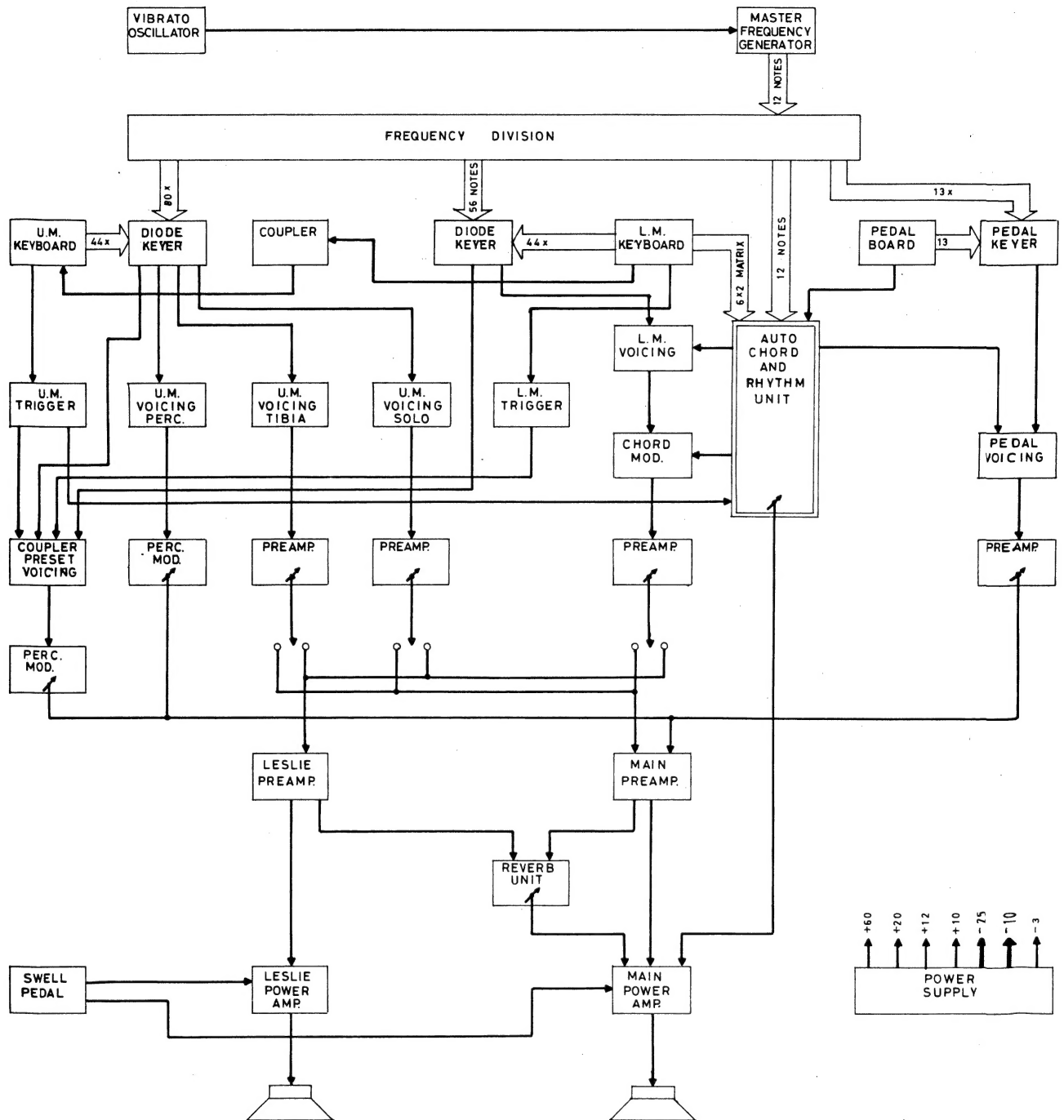
**A PRODUCT OF**



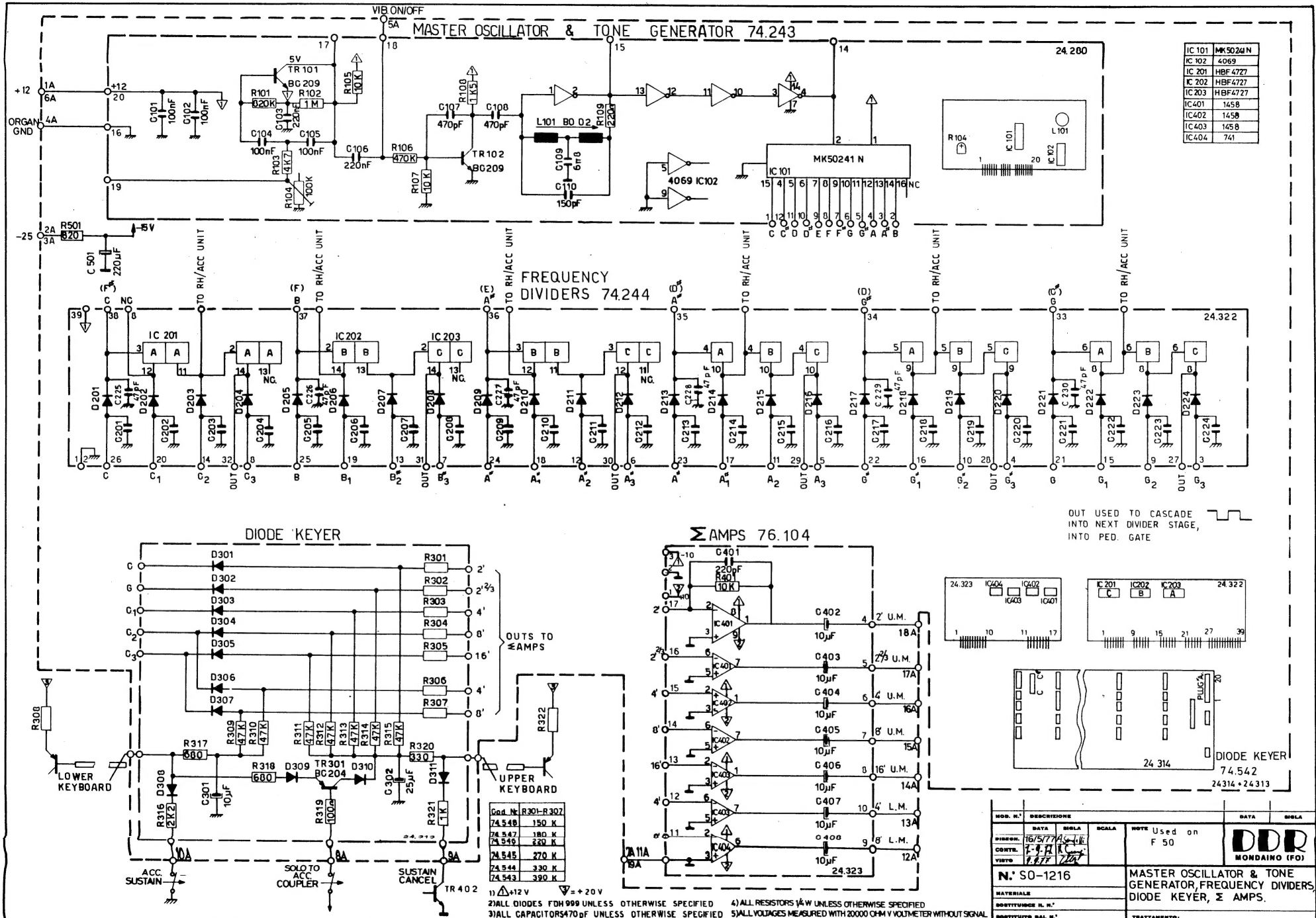
**GALANTI**  
**GROUP**

**MONDAINO - FO - ITALY**

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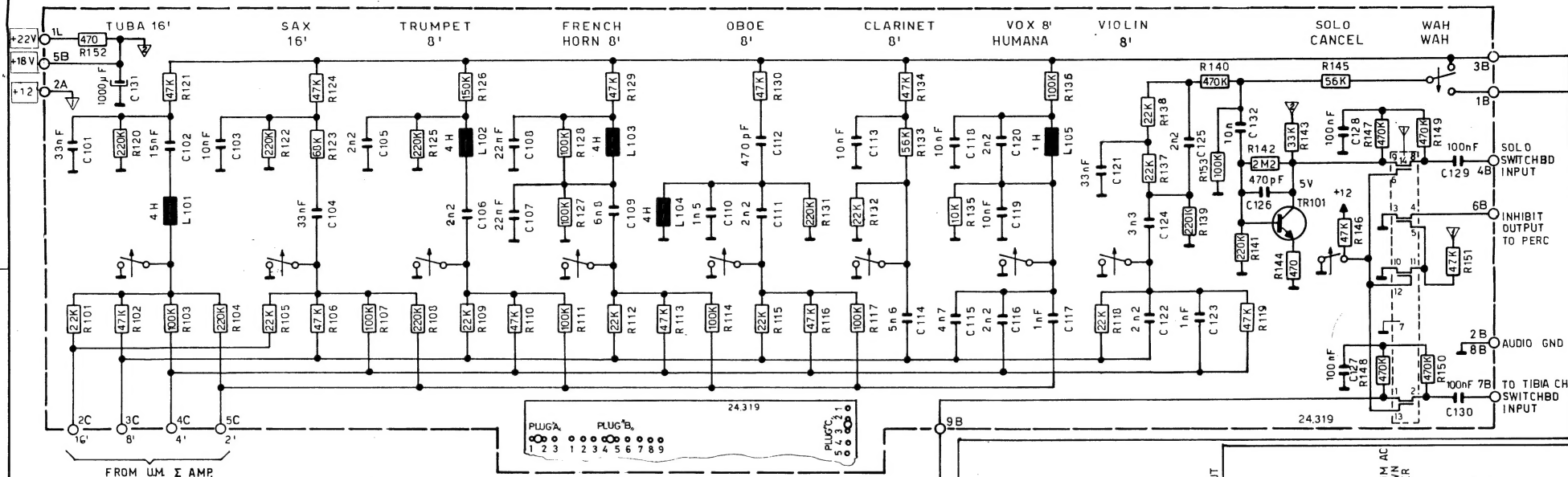


REV.	DATE	SUBJECT	DATE	CKD
ISSUED	8-9-77	BY	USED ON:	
DRAWN	8-9-77	Tabella	F 50	
CKD	8-9-77	A. C.		
APPROV	8-9-77	Dr.		
N° 50-1256		BLOCK DIARAM		
REPLACED BY				
REPLACING				

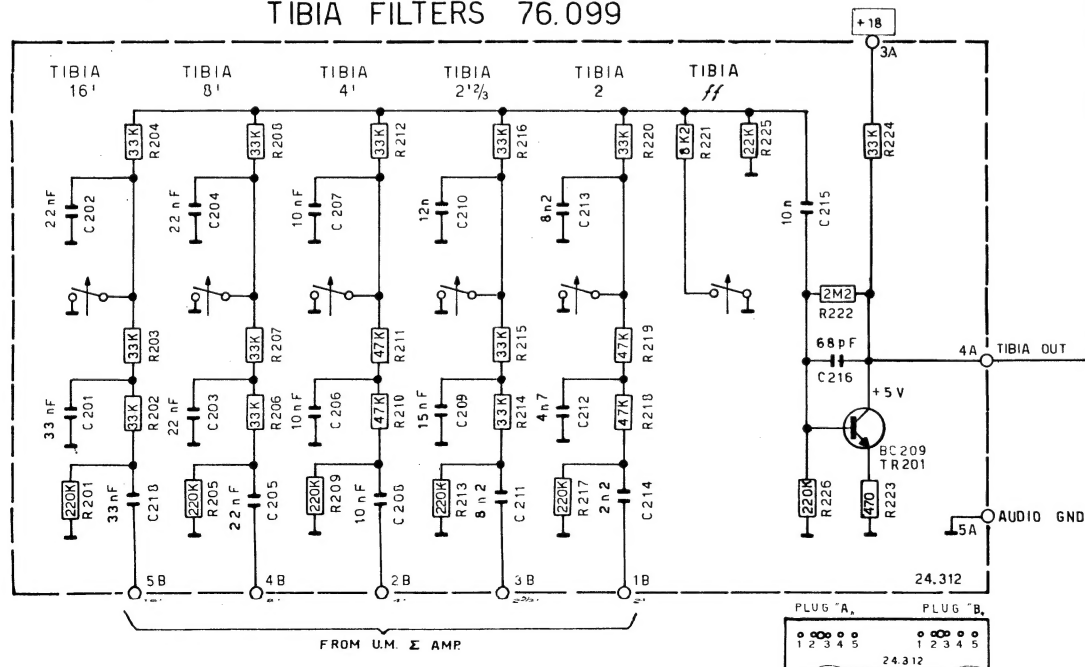




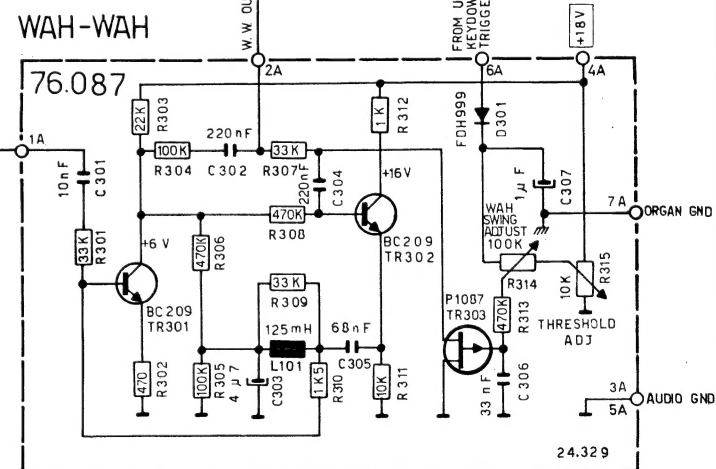
# SOLO FILTERS 76.101



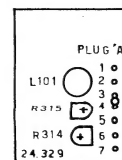
## TIBIA FILTERS 76.099



## WAH-WAH 76.087



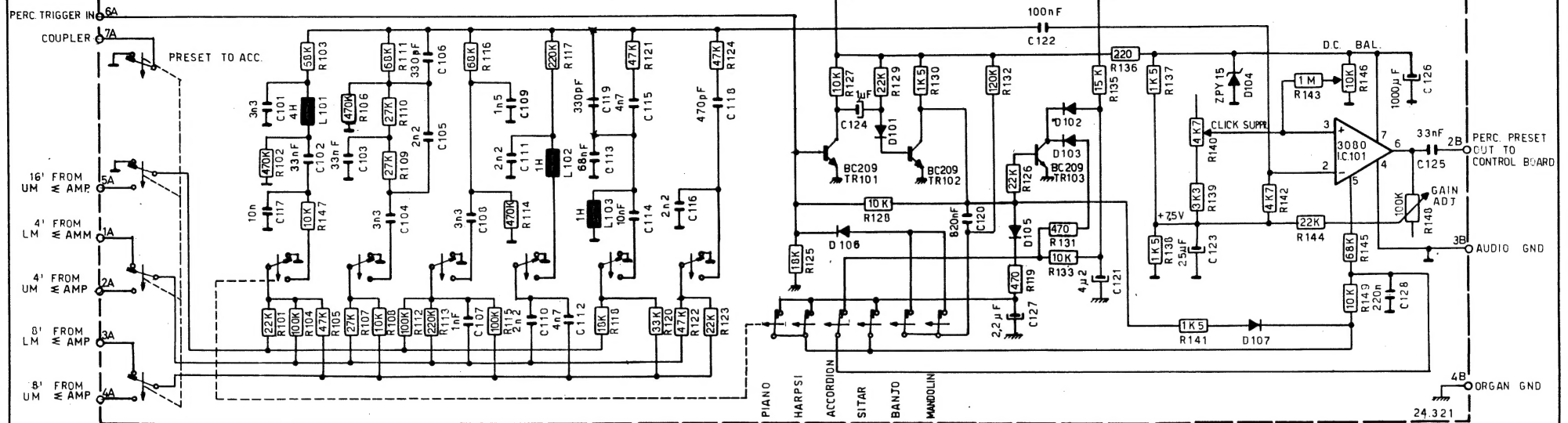
- NOTES:
- 1-ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.
  - 2-ALL TABSWITCHES SHOWN IN OFF POSITION.
  - 3-ALL VOLTAGES MEASURED WITH 20000 OHM/V VOLTMETER WITHOUT SIGNAL.



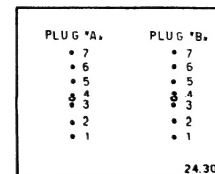
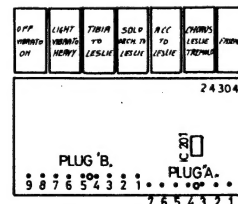
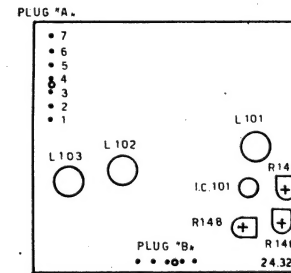
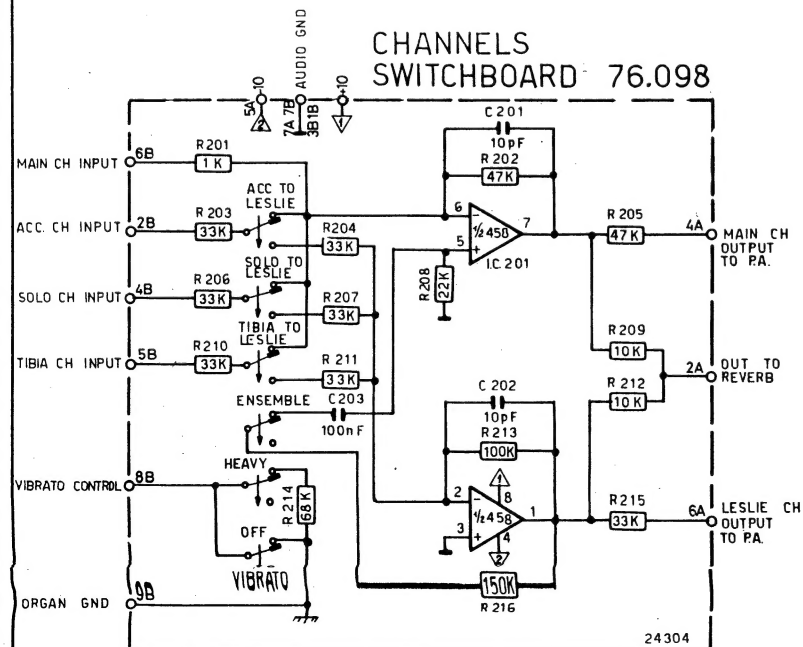
DATA	SIGLA	Used on	DDR
DISIGN. 76.087	76.087	F 50	MONDINO (FO)
CONTR. 11-1178	11-1178		
VISTO 11-1178	11-1178		
N.° SO-1197			
MATERIALE			
SOSTITUIBIDE IL N.			
SOSTITUITO DAL N.			

SOLO AND TIBIA FILTERS,  
WAH WAH SCH. DIAG.

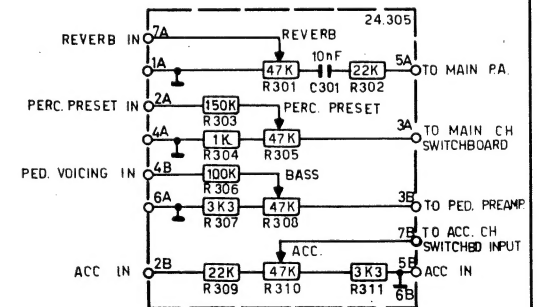
## PERCUSSION PRESET VOICING 76.103




CHANNELS  
SWITCHBOARD 76.098



## CONTROL BOARD 76.096

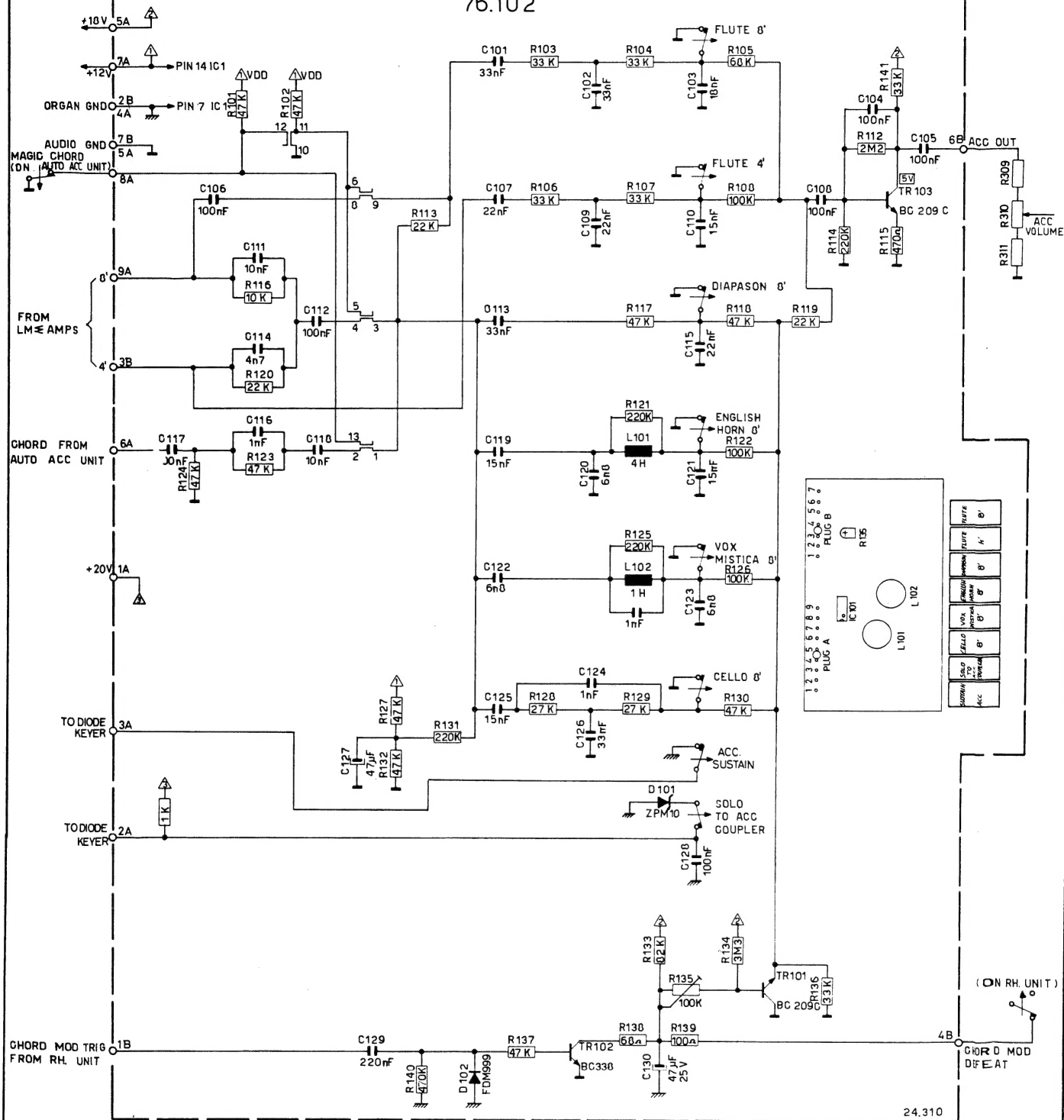


NOTES : 1-ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.  
2-ALL TABSWITCHES SHOWN IN OFF POSITION.  
3-ALL DIODES FDH999 UNLESS OTHERWISE SPECIFIED.  
4-ALL VOLTAGES MEASURED WITH 20000 OHM/V VOLT METER WITHOUT SIGNAL.

DATA <i>2977</i> DESIG. <i>5-F-1</i> CONTE. <i>2977</i> VISTO <i>2977</i>		used on F 50	 MONDINO (FO)
N° 50 - 1200		PERCUSSION PRESET VOICING CHANNELS SWITCHBOARD CONTROL BOARD SCH. DIAG.	
MATERIALI SOSTITUZIONE RI. N° SOSTITUZIONE RI. N°		TRATTAMENTO:	

# LOWER M. VOICING

76.102

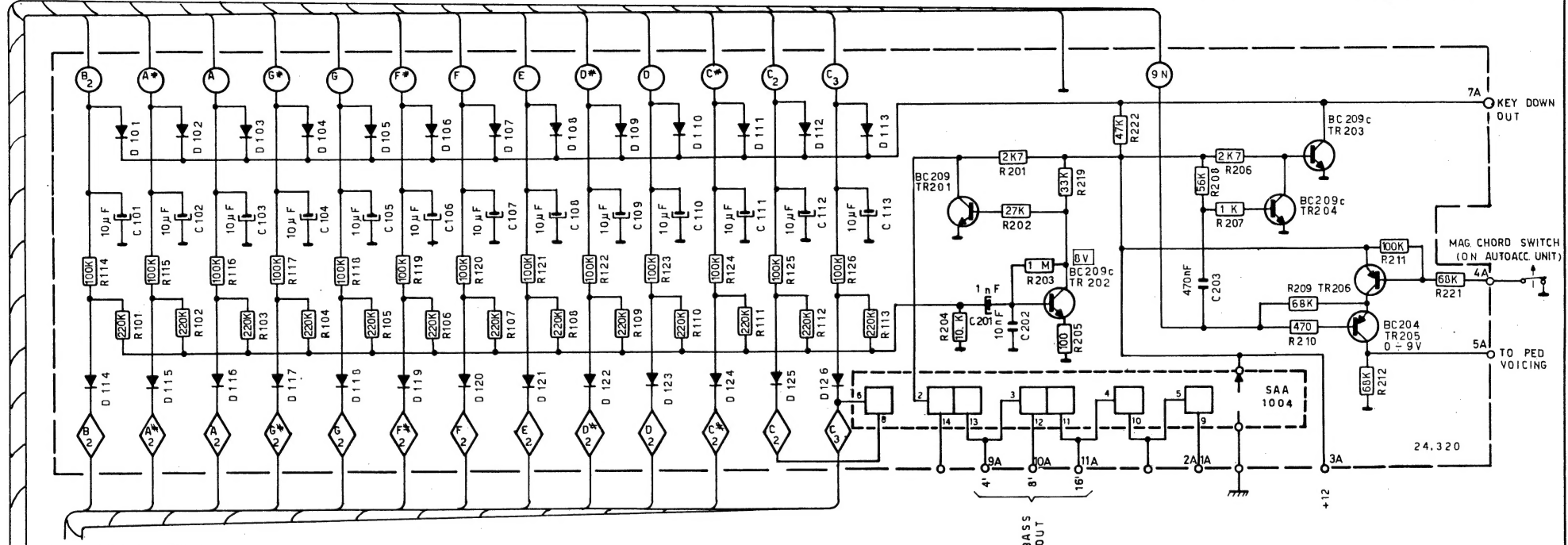
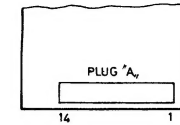


- 5)  $\Delta$  +20V  
 4)  $\Delta$  +18V  
 3)  $\Delta$  +12V  
 2) ALL RESISTORS 1/4W UNLESS OTHERWISE SPECIFIED  
 NOTES: 1) ALL VOLTAGES MEASURED WITH 20000 OHM/V VOLTMETER WITHOUT SIGNAL

MOD. N°	DESCRIZIONE	DATA	RELA	SCALA	NOTE	Used on	47	RELA
DISEG.	11/5/77	A. Sordani				F 50		
CONTR.	5-F-FF	X. G. G.						
VISTO	7-F-FF							
N° 50-1185							LOWER MANUAL VOICING	
MATERIALE							DDR	
SOSTITUZIONE IL N°							UM DAINO (FO)	
SOSTITUITO DAL N°							TRATTAMENTO:	

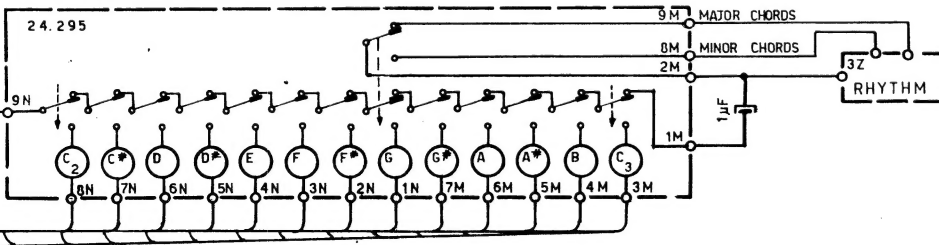


# PEDAL GATE 74.242



FROM FREQUENCY DIVIDERS

## PEDAL KEY SWITCHES 79.013



- NOTES: 1- ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.  
2- ALL DIODES FDH 999 UNLESS OTHERWISE SPECIFIED.  
3- ALL VOLTAGES MEASURED WITH 20,000 OHM/V VOLTMETER WITHOUT SIGNAL.

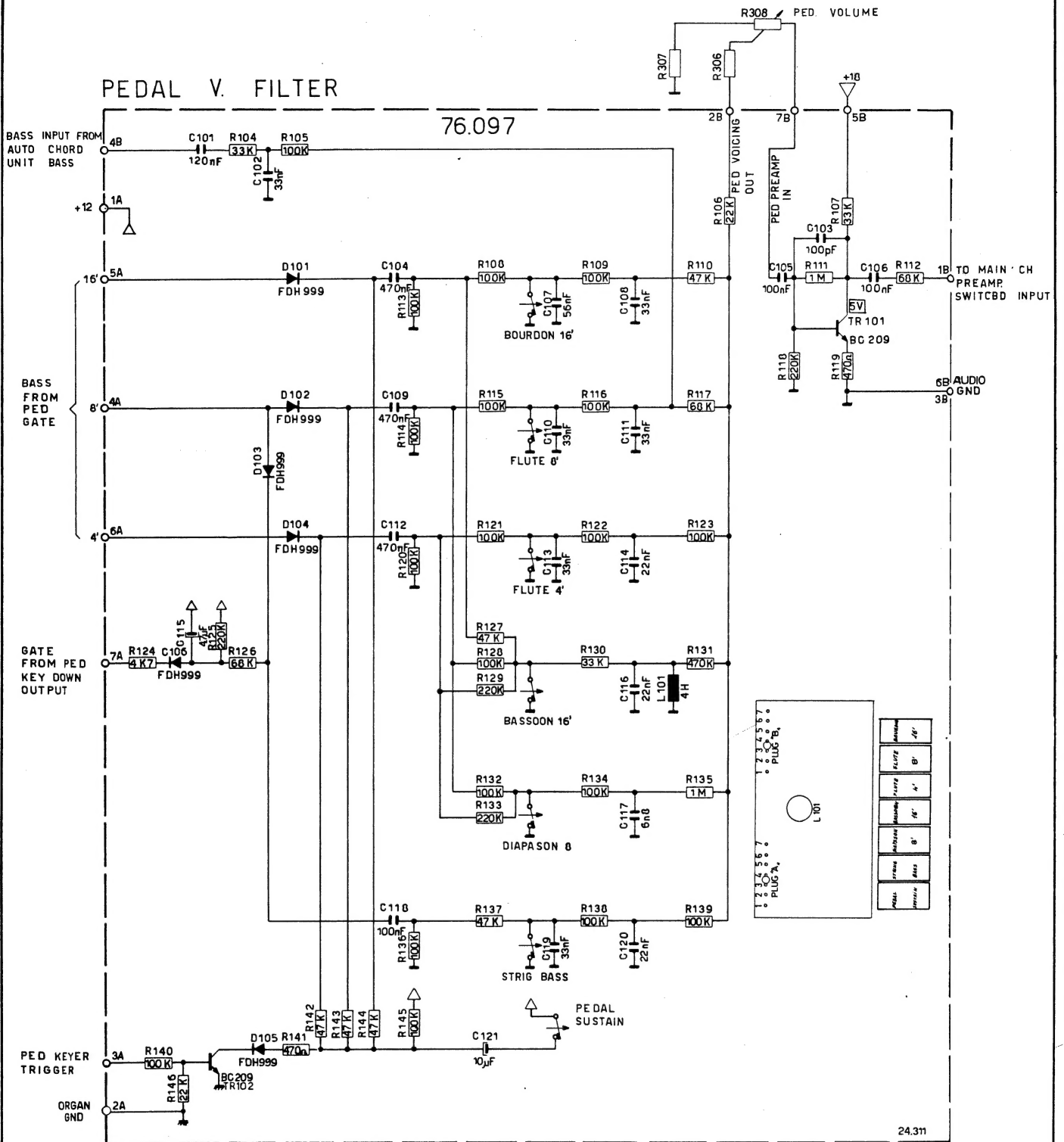
DATA	DATA	DATA	used on	DDR
DIREK. 28778	28778	28778	F 50	MONDINO (FO)
CONTR. 5777	5777	5777		
VISTO 7777	7777	7777		
N.° SO - 1198			PEDAL GATE AND PEDAL KEY SWITCHES SCH. DIAG.	
MATERIALE				
SOSTITUZIONE IL N.°				
SOSTITUITO DAL N.°				

PLUG 987654321

PLUG 987654321

1177/A

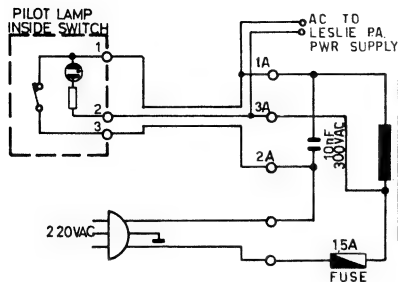
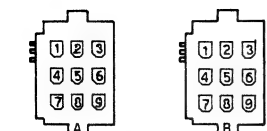
# PEDAL V. FILTER



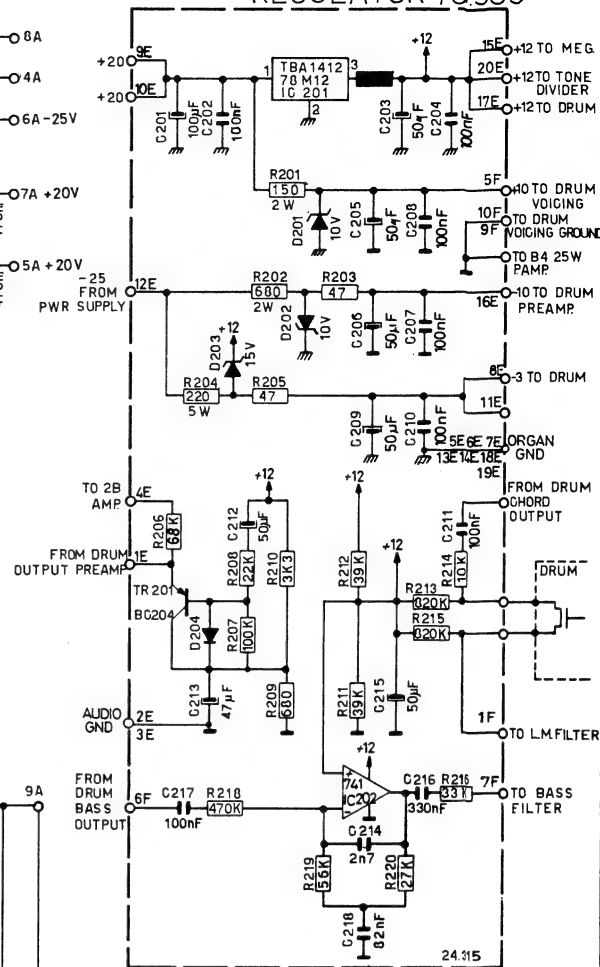
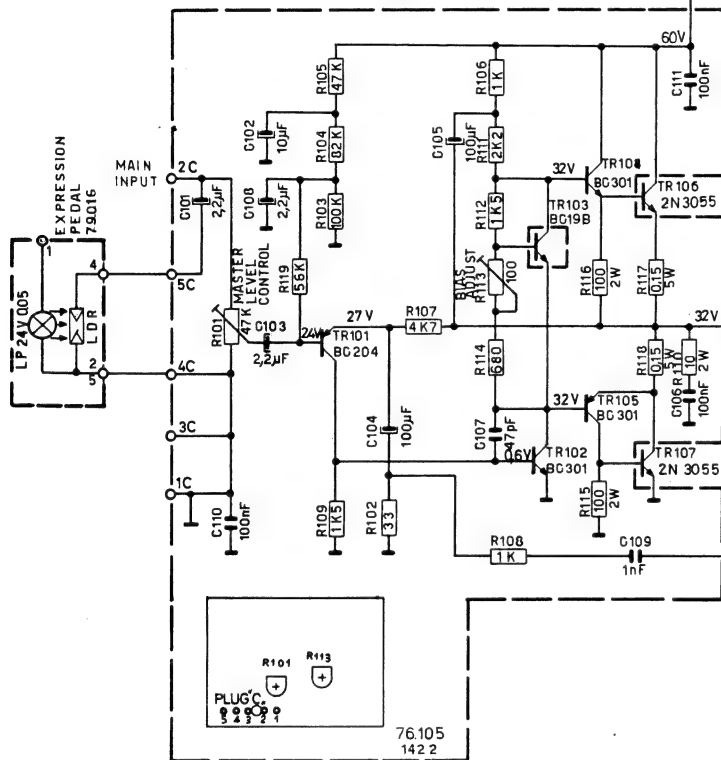
NOTES: 1) ALL RESISTORS  $\frac{1}{4}$ W UNLESS OTHERWISE SPECIFIED  
2 ALL VOLTAGES MEASURED WITH 20000 OHM V VOLTMEETER WITHOUT SIGNAL.

MOD. N.	DESCRIZIONE	DATA	SIGLA	SCALA	NOTE	USATO	SIGLA
DISSEG.	10/5/77	10/5/77	10/5/77	10/5/77	Used on	F50	DDR
CONTR.	5-7-77	5-7-77	5-7-77	5-7-77			M ONDAINO (FO)
VISTO	7-7-77	7-7-77	7-7-77	7-7-77			
N.	SO-1230				PEDAL VOICING F. FILTER		
MATERIALE							
SOSTITUISCE IL N.							
SOSTITUITO DAL N.							

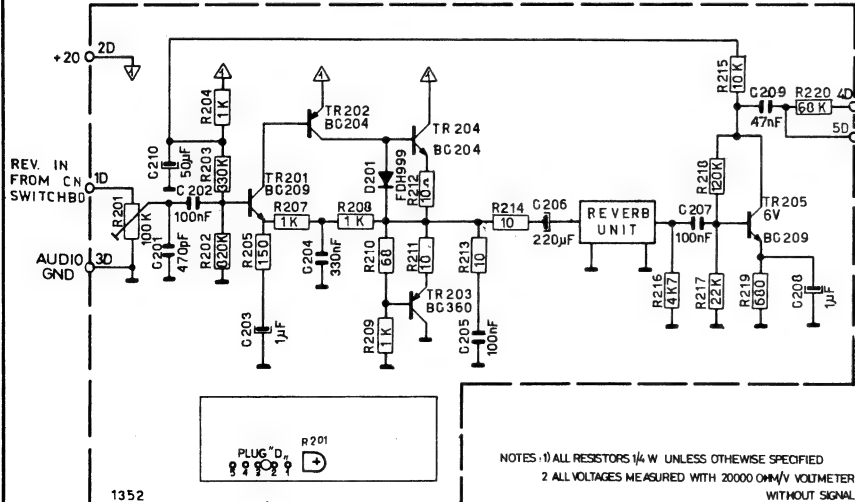
# REGULATOR 73.535



## 50 WPA. 73.018



## REVERBERATION 76.055

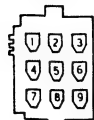


MOD. N°	DESCRIZIONE	DATA	SCALA	NOTE	Used on	SP. ATA	SELA
DISEGN.	7.5.77	10/10/77	10/10/77	NOTE	F 50		
CONTR.	7.5.77	10/10/77	10/10/77				
VISTO	7.5.77	10/10/77	10/10/77				
N° S0-1218						50WPA VOLTAGE REGULATOR REVERBERATION	
MATERIALE						TRATTAMENTO:	
SOSTITUITO DAL N°							

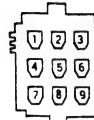
D CONNECTOR



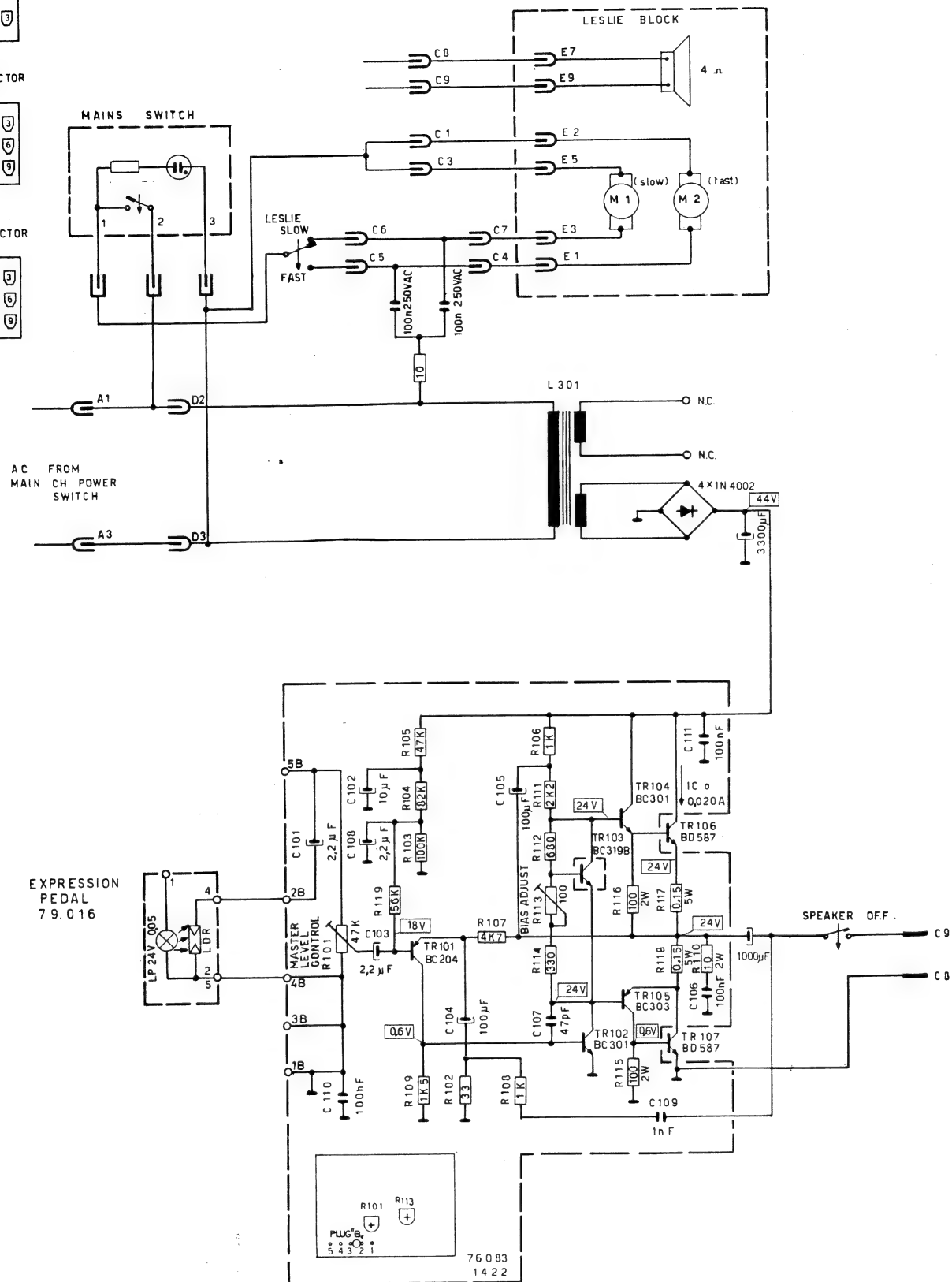
E CONNECTOR



E CONNECTOR



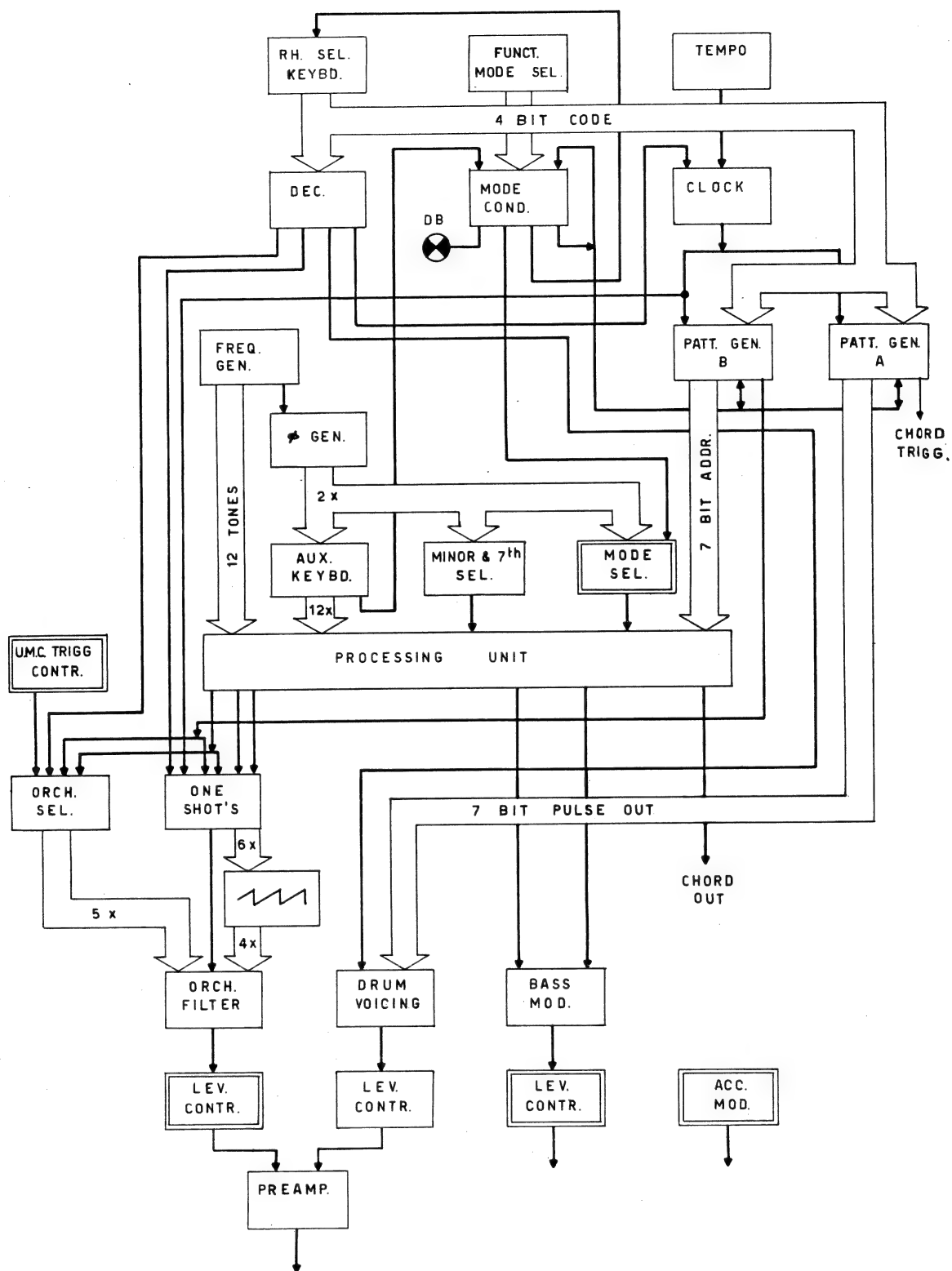
## 25 W P.A. LESLIE 73.023



NOTES: 1) ALL RESISTORS 1/4 W UNLESS OTHERWISE SPECIFIED

2) ALL VOLTAGES MEASURED WITH 20000 OHM/V VOLTMETER WITHOUT SIGNAL

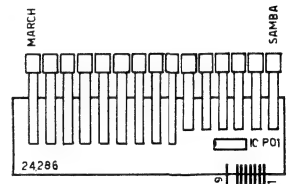
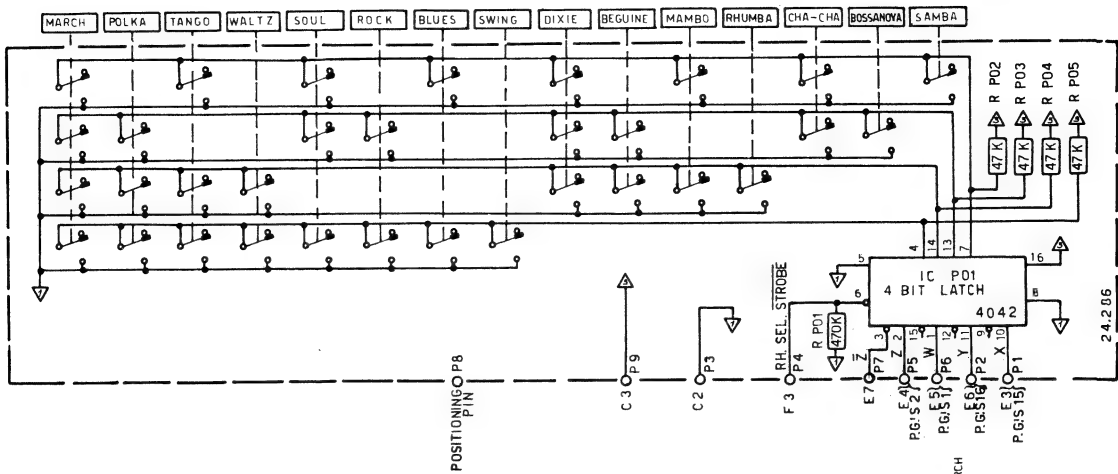
MOD. N°	DESCRIZIONE	DATA	SIELA	SCALA	NOTE	USATO ON	DATA	SIELA
DISSEG.	17.574	Talenti				F40		
CONTR.	5-7-72	M. Gargiulo				F50		
VISTO	73 FF							
N° S0-1222							25 W.P.A. LESLIE	
MATERIALE							DDR	
SOSTITUISCE IL N°							ME ONDAINO (FO)	
SOSTITUITO DAL N°							TRATTAMENTO:	



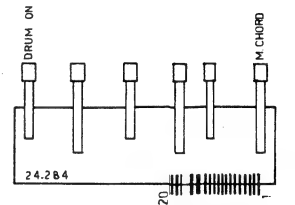
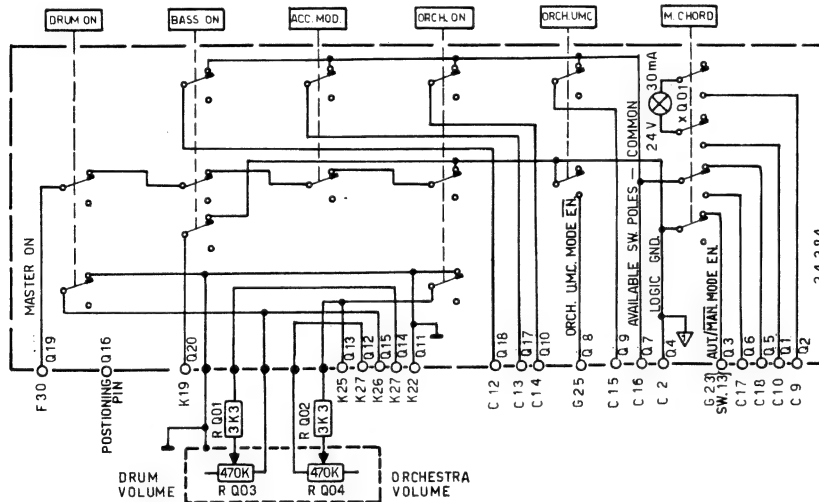
FRAME INDICATES CONTROL INTERACTING TO OR FROM HOST ORGAN.

MOD. N°	DESCRIZIONE			DATA	SELA
	DATA	SELA	SCALA	NOTE used on	
DISEGN.	20-8-84	10-10-84		THE PERFORMER	
CONTR.	31-8-84	10-10-84		MONDINO (FO)	
VISTO	12-1-85	10-10-84			
N° SO - 1187				BLOCK DIAGRAM	
MATERIALE					
SOSTITUZIONE N. N°					
SOSTITUITO DAL N°				TRATTAMENTO:	

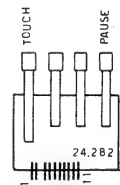
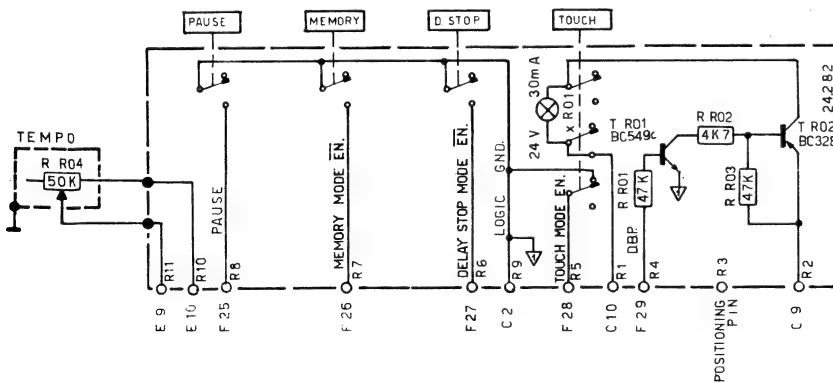
# 75.036 RHYTHM SEL. KEYBD.



## 75.029 (Part of) ACC. MODE SEL. KEYBD.



## 75.029 (Part of) OPERATIVE MODE SEL. KEYBD.



NOTES: 1)  $\nabla$  LOGIC GND. (-12)

2)  $\Delta$  +VDD C MOS

3) ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.

4) ALL TABSWITCHES SHOWN IN OFF POSITION.

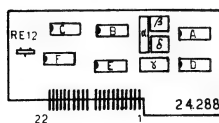
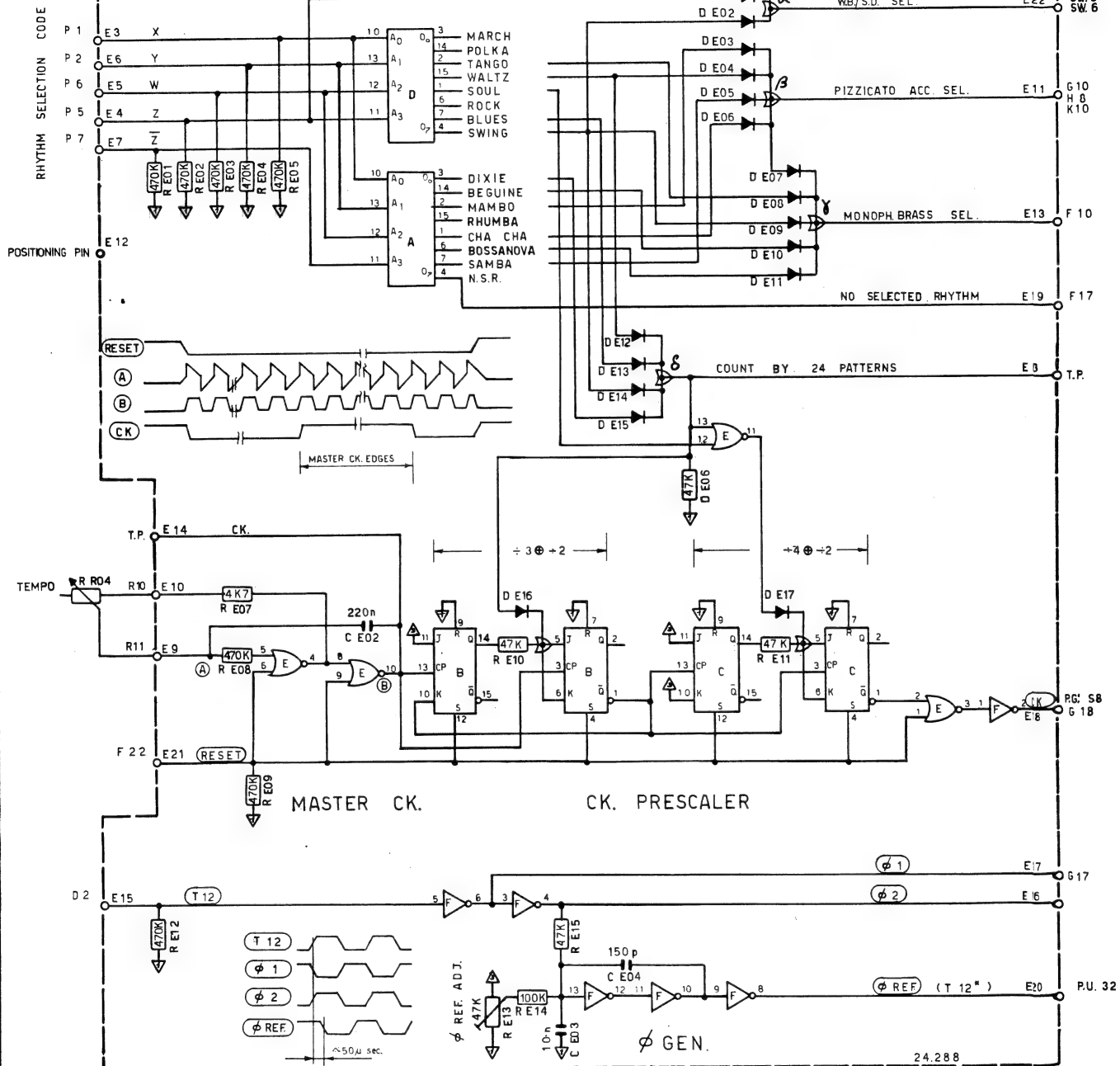
5) ALL VOLTAGES MEASURED WITH RESPECT TO  $\Delta$ , WHICH IS CONNECTED TO ORGAN GENERATOR +VCC

6)  $\perp$  ORGAN GND.

MOD. N°	DESCRIZIONE	DATA	SIGLA
31196	Teclino	19/11/76	Teclino
CONTR.	19/11/76	Teclino	Teclino
VISTO	19/11/76	Teclino	Teclino
N°	SO - 1190	CONTROL	AN EL.
MATERIALE			
SOSTITUZIONE IL N°			
SOSTITUITO DAL N°			

75.028

## DECODERS

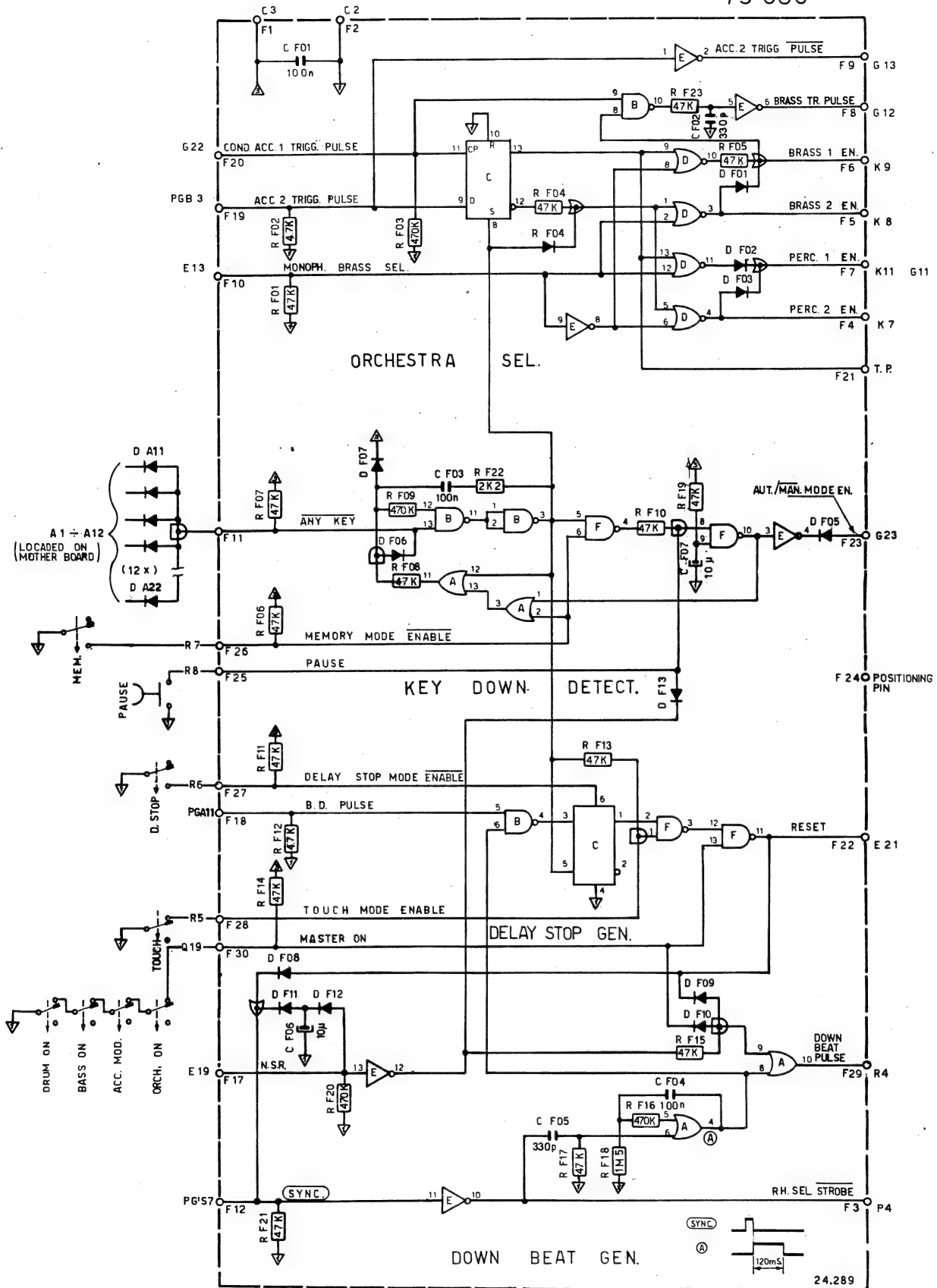


	VDD	VSS
A = IC E02 = 4028	pin 16	8
B = IC E04 = 4027	pin 16	8
C = IC E05 = 4027	pin 16	8
D = IC E01 = 4028	pin 16	8
E = IC E03 = 4001	pin 14	7
F = IC E06 = 4069	pin 14	7

- NOTES:
- 1 - RESET (A) INDICATES OSCILLOSCOPE POINT
  - 2 - LOGIC GND. (-12)
  - 3 - +VDD CMOS
  - 4 - ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.
  - 5 - ALL DIODES FDH999 UNLESS OTHERWISE SPECIFIED.
  - 6 - ALL VOLTAGES MEASURED WITH RESPECT TO WHICH IS CONNECTED TO ORGAN GENERATOR +VCC

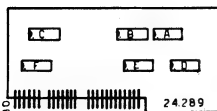
MOD. N°	DESCRIZIONE	DATA	SIGLA
DISSEG.	24.288	24.288	24.288
CONTR.	24.288	24.288	24.288
VISTO	24.288	24.288	24.288
N°	SO-1159	CLOCK & DECODERS	
MATERIALE			
SOSTITUISCE IL N°			
SOSTITUITO DAL N°			

75 030



## NOTES:

- 1- A = IC F01 = 4071 14 7  
 2- B = IC F02 = 4011 14 7  
 3- C = IC F03 = 4013 14 7  
 4- D = IC F04 = 4001 14 7  
 5- E = IC F05 = 4069 14 7  
 6- F = IC F06 = 4011 14 7  
 7-  $\Delta$  LOGIC GND (-12)  
 8-  $\Delta$  +VDD CMDS  
 9- ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.  
 10- ALL DIODES FDH999 UNLESS OTHERWISE SPECIFIED.  
 11- ALL VOLTAGES MEASURED WITH RESPECT TO  $\Delta$  WHICH IS CONNECTED TO ORGAN GENERATOR +VCC

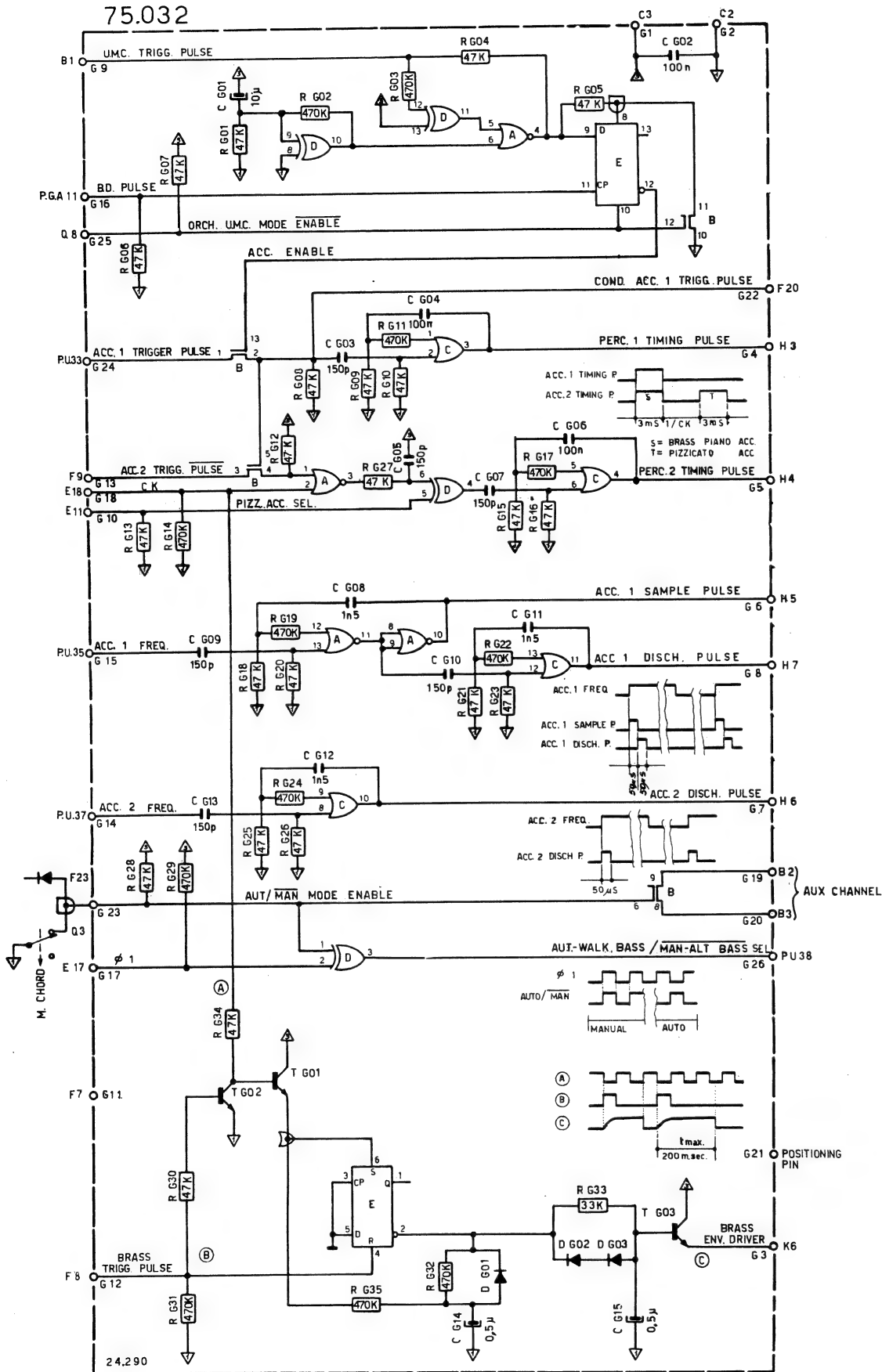


MOD. N°	DESCRIPTION	DATA	SCALE	NOTE used on:	DATA	SCALE
DIRBOR.	25.476	1/20	1/20	THE PERFORMER		
CONTR.	19/4/74	1/20	1/20			
VIVO	12/11/76	1/20	1/20			
N°	S0-1160			MODE CONDITIONING		
MATERIALE						
SOSTITUZIONE N°						
SOSTITUITO DAL N°						
TRATTAMENTO:						

**DDR**  
MONDINO (FO)



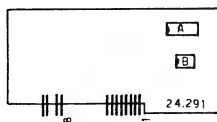
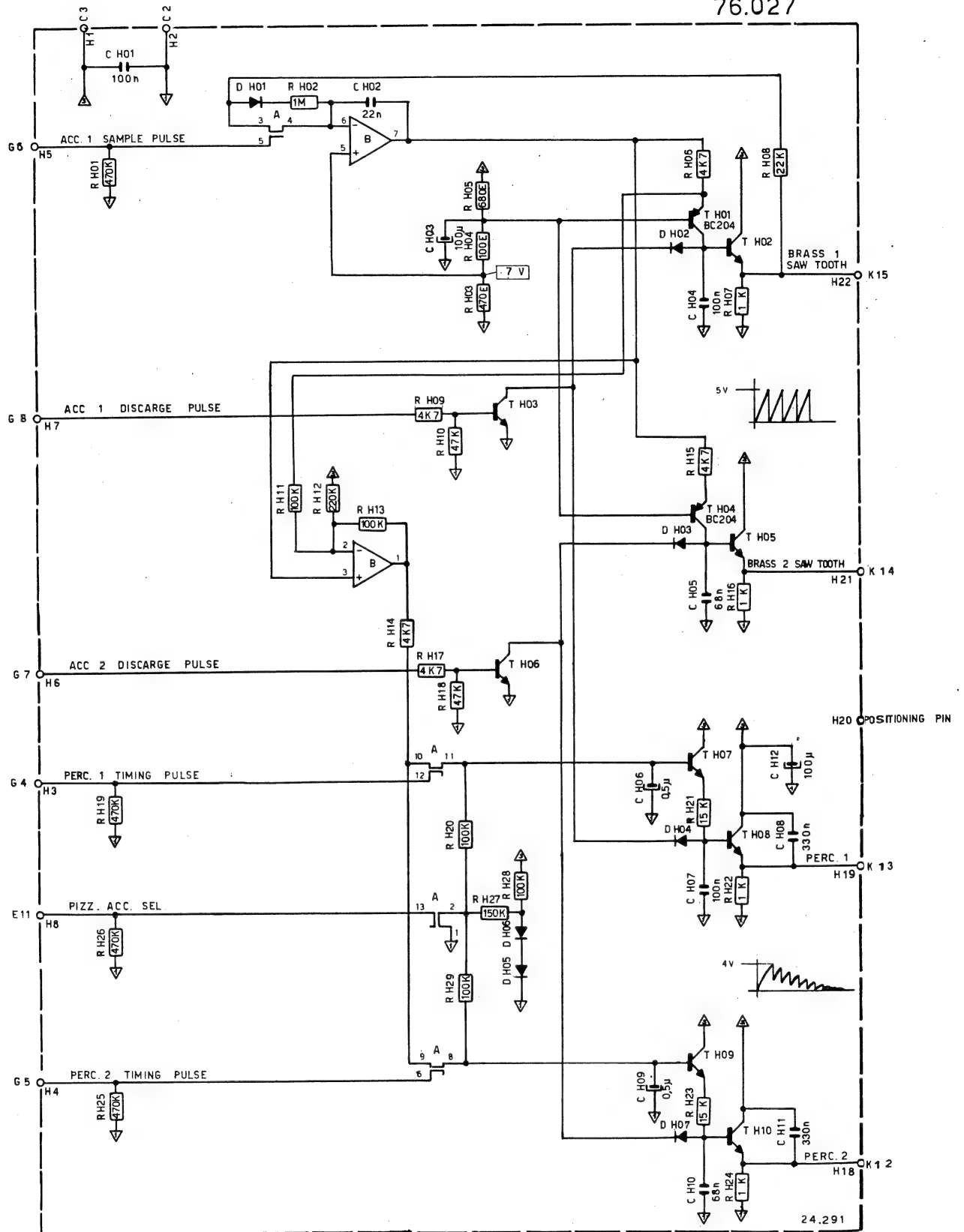
75.032



- NOTES:
- 1 - A = IC G02 = 4001
  - 2 - B = IC G04 = 4016
  - 3 - C = IC G05 = 4071
  - 4 - D = IC G01 = 4030
  - 5 - E = IC G03 = 4013
  - 6 - LOGIC GND (-12)
  - 7 - +VDD CMOS
  - 8 - ALL RESISTORS 1/4 UNLESS OTHERWISE SPECIFIED
  - 9 - ALL TRANSISTORS ARE BC549C UNLESS OTHERWISE SPECIFIED.
  - 10 - ALL DIODES ARE FDH999 UNLESS OTHERWISE SPECIFIED.
  - 11 - ALL VOLTAGES MEASURED WITH RESPECT TO  $\Delta$  WHICH IS CONNECTED TO ORGAN GENERATOR +VCC

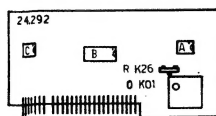
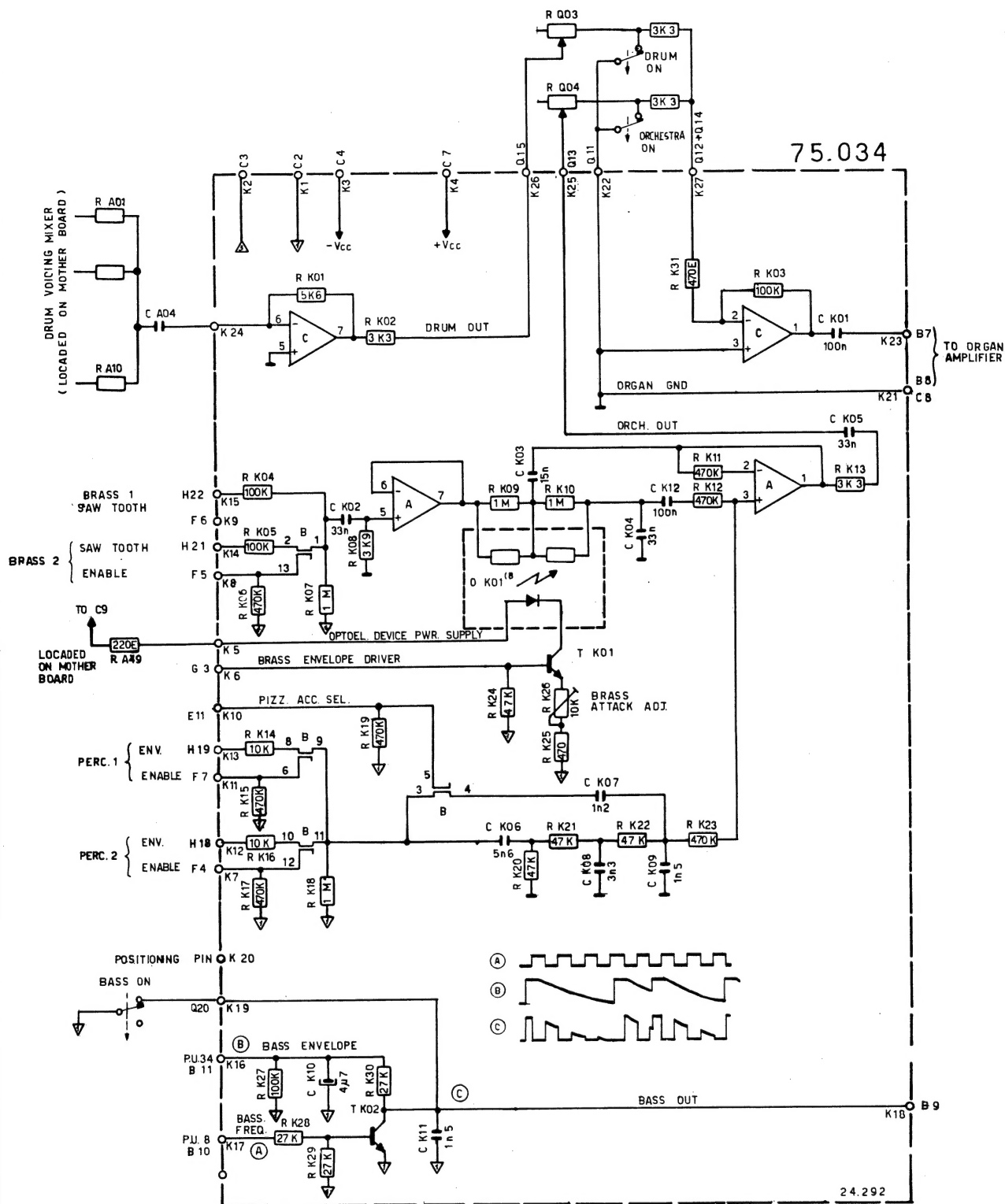
DES. N°	DESCRIZIONE	DATA	ESLA	SCALE	NOTE used on	DATA	ESLA
DISEG.	26.8.74	26.8.74	26.8.74	26.8.74	THE PERFORMER	26.8.74	26.8.74
CONTR.	10/10/74	10/10/74	10/10/74	10/10/74			
VISTO	22/11/75	22/11/75	22/11/75	22/11/75			
N°	SO - 1158				ONE SHOT		
MATERIALE							
SOSTITUZIONE N. N°							
SOSTITUITO DAL N°							

76.027



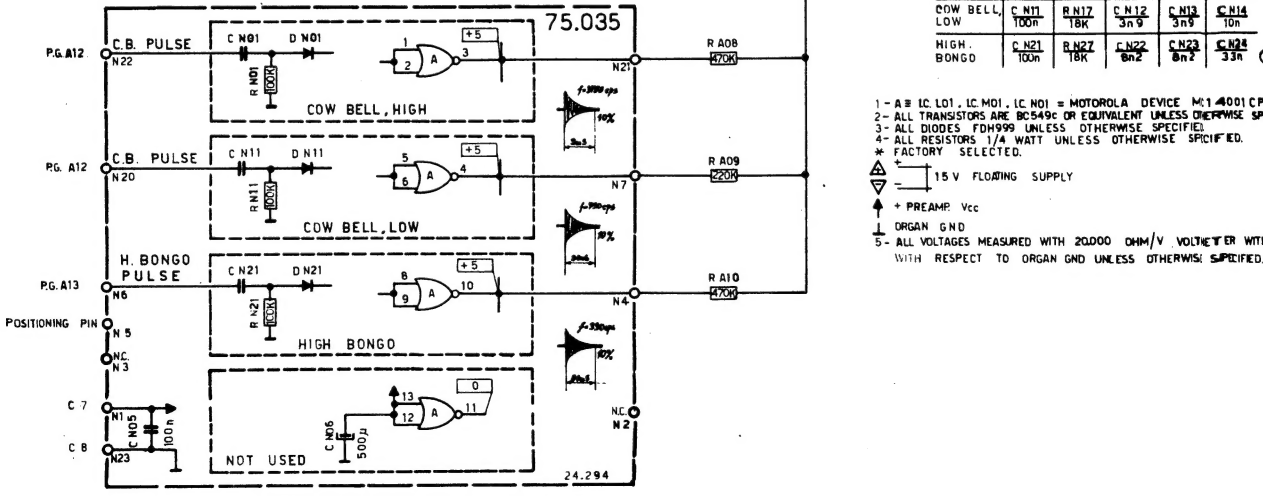
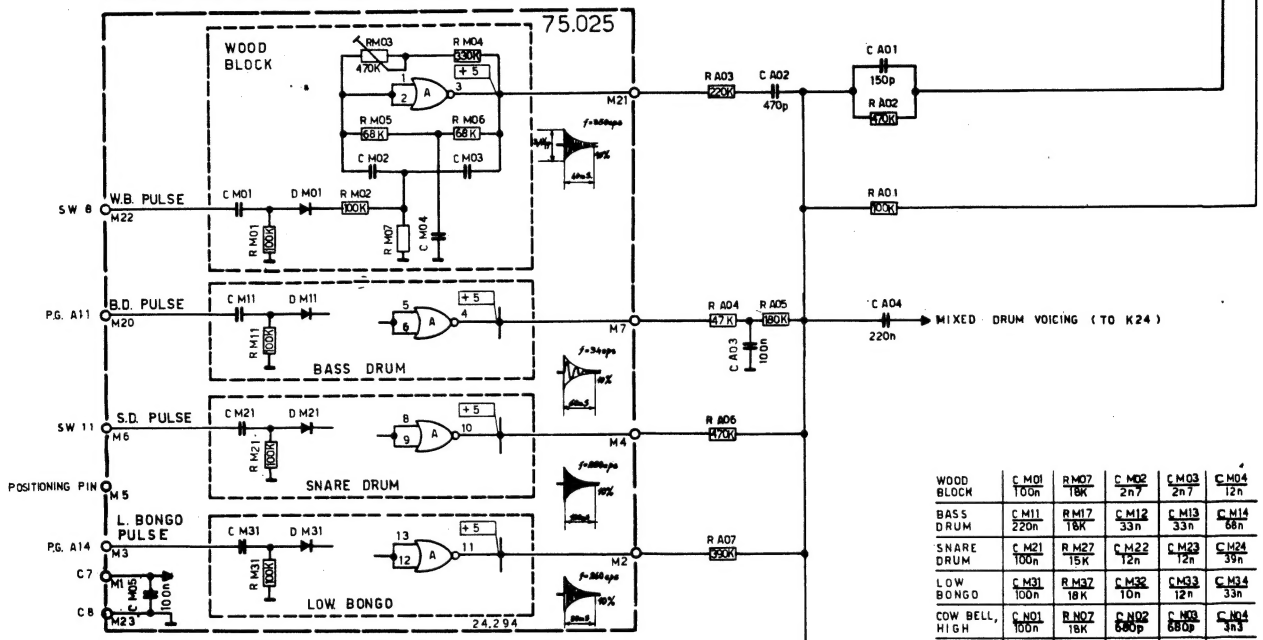
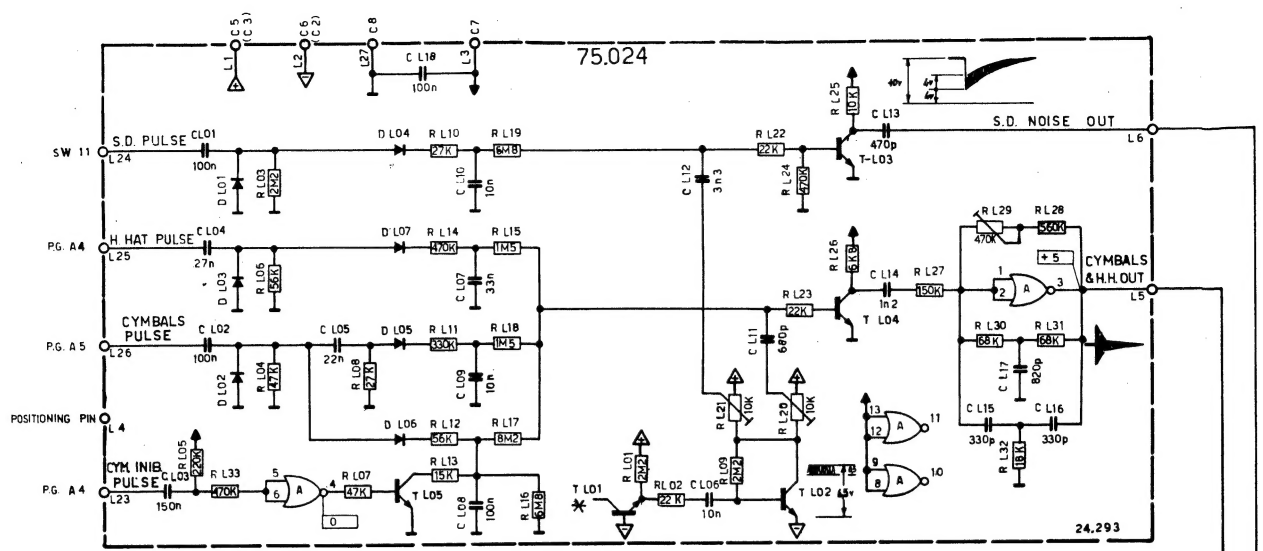
- VSS or -Vcc - VDD or +Vcc
- NOTES: 1 - A = IC H01 = 4016 pin 7 pin 14  
 2 - B = IC H02 = 1458 pin 4 pin 8  
 3 -  $\nabla$  LOGIC GND (-12)  
 4 -  $\Delta$  +VDD CMOS  
 5 - ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.  
 6 - ALL DIODES FDH999 UNLESS OTHERWISE SPECIFIED  
 7 - ALL TRANSISTORS ARE BC549c UNLESS OTHERWISE SPECIFIED.  
 8 - ALL VOLTAGES MEASURED WITH RESPECT TO  $\Delta$  WHICH IS CONNECTED TO ORGAN GENERATOR + VCC

MOD. N°	DESCRIZIONE	DATA	SCALA	NOTE USED ON
27876	SAW TOOTH GENERATION	27/11/76	1/10	THE PERFORMER
CONTR.	27/11/76	27/11/76	1/10	MONDINO (FO)
VISTO	27/11/76	27/11/76	1/10	
N°	S0-1157			SAW TOOTH GENERATION
MATERIALE				
SOSTITUISCE IL N°				
SOSTITUITO DAL N°				
TRATTAMENTO				



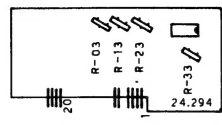
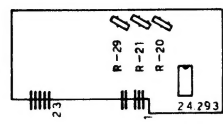
- NOTES:
- 1 - A = I.C. K01 = 1458
  - 2 - B = I.C. K02 = 4016
  - 3 - C = I.C. K03 = 1458
  - 4 - LOGIC GND (-12)
  - 5 - +VDD CMOS
  - 6 - ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.
  - 7 - ALL TRANSISTORS ARE BC549C UNLESS OTHERWISE SPECIFIED.
  - 8 - Q K01 = FACTORY SELECTED DEVICE 08.014

MOD. N°	DESCRIZIONE	DATA	SELA	SCALE	NOTE used ON
27876	Tab. 2	19/10/76	07/08/76	12	THE PERFORMER
27876	Tab. 2	19/10/76	07/08/76	12	ORCHESTRA WICING FILTER
N°	SO-1191				
MATERIALE					
SOSTITUIBILE IL N°					
SOSTITUITO DAL N°					



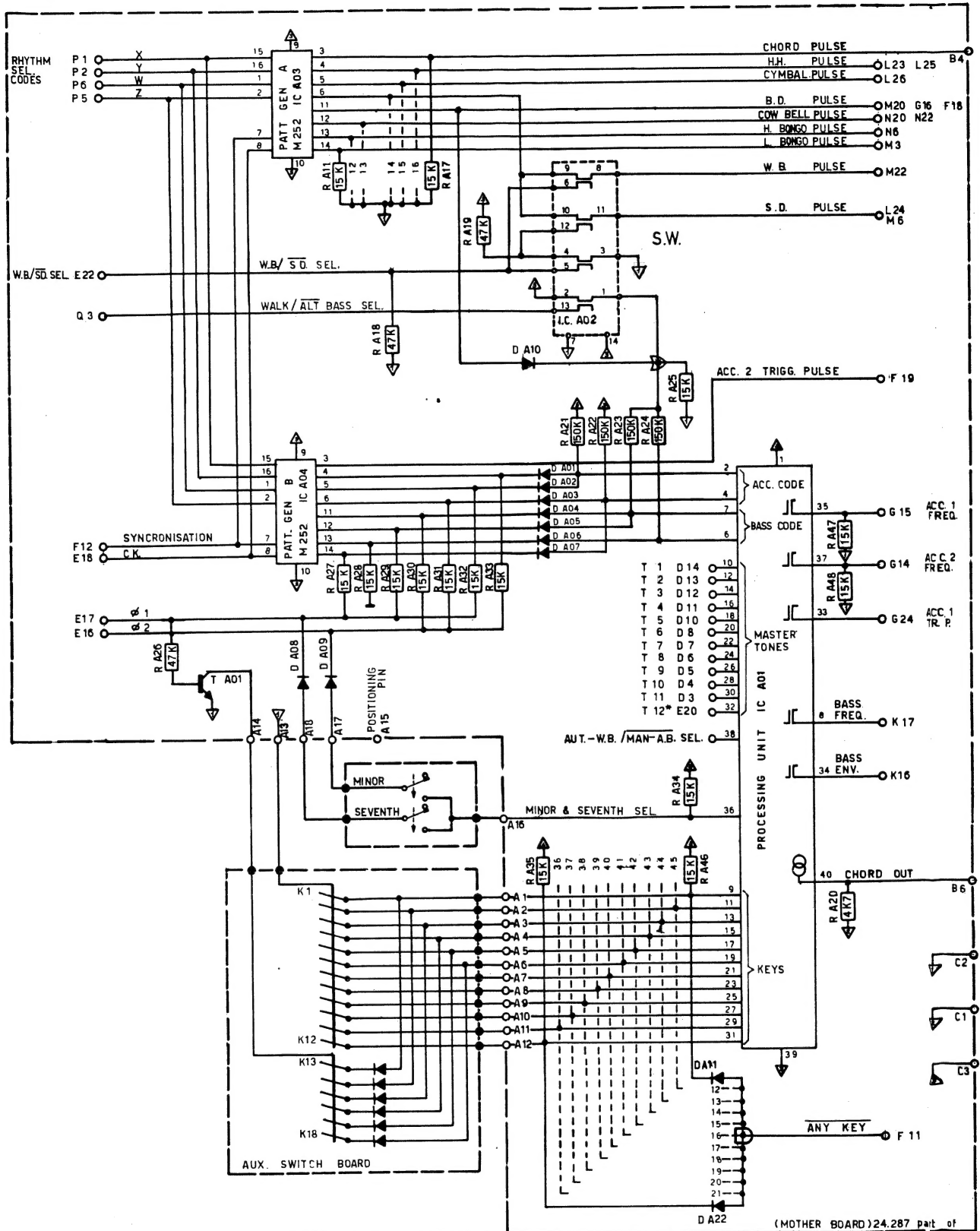
WOOD BLOCK	C M01	R M07	C M02	C M03	C M04
	100n	18K	2n7	2n7	12n
BASS DRUM	C M11	R M17	C M12	C M13	C M14
	220n	18K	33n	33n	68n
SNARE DRUM	C M21	R M27	C M22	C M23	C M24
	100n	15K	12n	12n	39n
LOW BONGO	C M31	R M37	C M32	C M33	C M34
	100n	18K	10n	12n	33n
COW BELL, HIGH	C N01	R N07	C N02	C N03	C N04
	100n	18K	800p	800p	3n3
COW BELL, LOW	C N11	R N17	C N12	C N13	C N14
	100n	18K	3n9	3n9	10n
HIGH BONGO	C N21	R N27	C N22	C N23	C N24
	100n	18K	8n2	8n2	33n

- 1 - A = IC L01, IC M01, IC N01 = MOTOROLA DEVICE M14001 C.P.
  - 2 - ALL TRANSISTORS ARE BC549C OR EQUIVALENT UNLESS OTHERWISE SPECIFIED.
  - 3 - ALL DIODES FDH999 UNLESS OTHERWISE SPECIFIED.
  - 4 - ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.
  - \* FACTORY SELECTED.
- 15V FLOPPING SUPPLY  
 PREAMP Vcc  
 ORGAN GND  
 5 - ALL VOLTAGES MEASURED WITH 20000 OHM/V VOLTMETER WITHOUT SIGNAL. WITH VOLTAGE TO ORGAN GND UNLESS OTHERWISE SPECIFIED.



1 CN 24 DA 27n DIVENTA 33n		2 1-9-77	
MOD. N°	DESCRIZIONE	DATA	ORLA
DATA	ORLA	ORLA	NOTE used on
CONTE.	11/11/77	11/11/77	THE PERFORMER
VOTO	11/11/77	11/11/77	DDR
N° 50-1192		DRUM VOICING	
MATERIALE			
SOSTITUIRE IL N°			
SOSTITUITO DAL N°		TRATTAMENTO:	

# MOTHER BOARD 75.031 (part of)



- NOTES:
- 1 - PU IC A01 = M251AB
  - 2 - SW = IC A02 = M252AB
  - 3 - PGA = IC A03 = M252AB
  - 4 - PGB = IC A04 = M252AB
  - 5 -  $\nabla$  LOGIC GND (-12)
  - 6 -  $\nabla$  Vdd MOS (-15)
  - 7 -  $\nabla$  +Vdd CMOS (VRel)
  - 8 - ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.
  - 9 - ALL DIODES FDH999 UNLESS OTHERWISE SPECIFIED.
  - 10 - ALL TRANSISTORS ARE BC549c UNLESS OTHERWISE SPECIFIED.
  - 11 - ALL VOLTAGES MEASURED WITH RESPECT TO  $\nabla$  WHICH IS CONNECTED TO ORGAN GENERATOR + VCC.

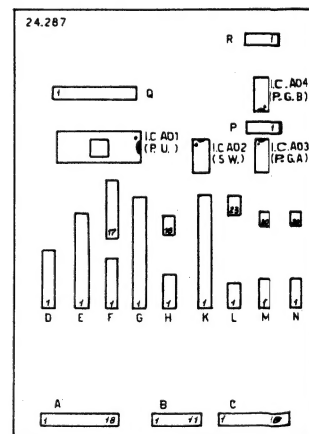
DOC. N°	DESCRIPTION	DATA	ESL
DATA	ESL	ESL	ESL
REVISION	27/7/90	ESL	ESL
CHYU	27/7/90	ESL	ESL
VOTO	27/7/90	ESL	ESL
N° 50-1199			
PROCESSING UNIT ADDRESSING.			
MATERIALE			
SOSTITUZIONE D. N°			
SOSTITUZIONE DAL N°			
TRATTAMENTO:			

PIN. N°	" A " CONN. KEYS	PIN. N°	" B " CONN. OUTPUTS	PIN. N°	" C " CONN. POWER SUPPLIES	PIN. N°	" D " CONN. MASTER TONES	PIN. N°	" E " CONN. CLOCK & DECODERS
1	KEY 1	1	U.M.C. TRIGGER PULSE	1	- MOS Vdd, ▽	1	NOT CONNECTED	1	+ CMOS Vdd, ▲
2	" 2	2	{ AUXILIARY CHANNEL	2	LOGIC GROUND, ▽	2	TONE 12	2	LOGIC GROUND, ▽
3	" 3	3	"	3	+ CMOS Vdd, ▲	3	" 11	3	X(L.S. D. RHYTHM CODE)
4	" 4	4	CHORD TRIGGER PULSE	4	- PREAMP. Vcc	4	" 10	4	Z(M.S.D. " " " )
5	" 5	5	POSITIONING PIN	5	+ NOISE GEM.P.SUPPLY	5	" 9	5	W(3 <sup>rd</sup> S.D. " " " )
6	" 6	6	CHORD OUT	6	- ((INTERNALLY CONN.))	6	" 8	6	Y(2 <sup>nd</sup> S.D. " " " )
7	" 7	7	DRUM & ORCHESTRA OUT	7	+ PREAMP. Vcc	7	" 7	7	Z
8	" 8	8	ORGAN GROUND, ↓	8	ORGAN GROUND, ↓	8	" 6	8	TEST POINT
9	" 9	9	BASS OUT	9	+ LAMPS PWR.SUPPLY	9	POSITIONING PIN	9	{ TEMPO CONTROL
10	" 10	10	" FREQUENCY	10	-	10	TONE 5	10	"
11	" 11	11	" ENVELOPE	11	POSITIONING PIN	11	" 4	11	PIZZICATO ACC. SELECT.
12	" 12			12	BASS ON	12	" 3	12	POSITIONING PIN
13	FIRST OCTAVE BUS BAR			13	ACC. MOD.	13	" 2	13	MONOPH. BRASS SELECT.
14	SECOND " " "			14	ORCH. ON	14	" 1	14	TEST POINT
15	POSITIONING PIN			15	ORCH. U.M.C. SWITCHING			15	TONE 12
16	MINOR & SEVENTH SEL.			16	COMMON	18	LOGIC GROUND, ▽	16	Ø 2
17	MINOR SELECT. TIMING			17	MAGIC CH.	19	NOT CONNECTED	17	Ø 1
18	SEVENTH " "			18	MAGIC CH.	20	LOGIC GROUND, ▽	18	CLOCK
						21	NOT CONNECTED	19	NO SELECTED RHYTHM
						22	+ CMOS Vdd, ▲	20	TONE 12* (Ø REF)
								21	RESET
								22	W.B./S.D. SELECTION

PIN. N°	" F " CONN. MODE COND.	PIN. N°	" G " CONN. ONE SHOT 'S	PIN. N°	" H " CONN. S. TOOTH GENERATION	PIN. N°	" K " CONN. ORCH. VOICING FILTER	PIN. N°	" L " CONN. CYMBALS VOICING
1	+ CMOS Vdd, ▲	1	+ CMOS Vdd, ▲	1	+ CMOS Vdd, ▲	1	LOGIC GROUND, ▽	1	▲ (+CMOS Vdd) NOISE G.
2	LOGIC GROUND, ▽	2	LOGIC GROUND, ▽	2	LOGIC GROUND, ▽	2	+ CMOS Vdd, ▲	2	▽ (-MOS Vdd) P.SUPPLY
3	RHYTHM SELECT. STROBE	3	BRASS ENVELOPE DRIVER	3	PERC.1 TIMING PULSE	3	- PREAMP. Vcc	3	+ PREAMP. Vcc
4	PERCUSSION 2 ENABLE	4	PERC. 1 TIMING PULSE	4	" 2 " "	4	+ PREAMP. Vcc	4	POSITIONING PIN
5	BRASS 2 " "	5	" 2 " "	5	ACC. 1 SAMPLE " "	5	OPTOEL. POWER SUPPLY	5	CYMBALS & H..H. OUT
6	BRASS 1 " "	6	ACC. 1 SAMPLE " "	6	" 2 DISCH. " "	6	BRASS ENVELOPE DRIVER	6	SNARE DRUM NOISE OUT
7	PERCUSSION 1 " "	7	" 2 DISCH. " "	7	" 1 " "	7	PERC. 2 ENABLE		
8	BRASS TRIGGER PULSE	8	" 1 " "	8	PIZZICATO ACC. SELECT.	8	BRASS 2 " "	23	CYMBALS INHIBIT. PULSE
9	ACC.2 TRIGGER PULSE	9	U.M.C. TRIGGER PULSE			9	" 1 " "	24	SNARE DRUM PULSE
10	MONOPH. BRASS SELECT.	10	PIZZICATO ACC. SELECT.	18	PERC.2 ENVELOPE	10	PIZZICATO ACC.SELECT.	25	HIGH HAT PULSE
11	ANY KEY	11	PERC. 1 ENABLE	19	" 1 " "	11	PERC. 1 ENABLE	26	CYMBAL PULSE
12	SYNCRONISATION (PG'S)	12	BRASS TRIGGER PULSE	20	POSITIONING PIN	12	" 2 ENVELOPE	27	ORGAN GROUND, ↓
		13	ACC.2 TRIGGER PULSE	21	BRASS 2 SAW TOOTH	13	" 1 " "		
17	NO SELECTED RHYTHM	14	" 2 FREQUENCY	22	" 1 " "	14	BRASS 2 SAW TOOTH		
18	BASS DRUM PULSE	15	" 1 " "			15	" 1 " "		
19	ACC. 2 TRIGG. PULSE	16	BASS DRUM PULSE			16	BASS ENVELOPE		
20	COND. ACC.1 TRIGG. PULSE	17	Ø 1			17	" FREQUENCY		
21	TEST POINT	18	CLOCK			18	" OUT		
22	RESET	19	{ AUXILIARY CHANNEL			19	" ON		
23	MODE AUT./MAN. MODE EN.	20	POSITIONING PIN			20	POSITIONING PIN		
24	POSITIONING PIN	21	POSITIONING PIN			21	{ ORGAN GROUND, ↓		
25	PAUSE	22	COND. ACC.1 TRIGG. PUL.			22	"		
26	MEMORY MODE ENABLE	23	AUT./MAN. MODE EN.			23	DRUM & ORCHESTRA OUT		
27	DELAY STOP MODE EN.	24	ACC.1 TRIGGER PULSE			24	MIXED DRUM VOICING		
28	TOUCH MODE ENABLE	25	ORCH. U.M.C. MODE EN.			25	ORCHESTRA OUT		
29	DOWN BEAT PULSE	26	AUT.-W.BASS/MAN.-A.BASS			26	DRUM OUT		
30	MASTER ON					27	MIXED DRUM & ORCH. LEV.		

PIN. N°	" M " CONN. DRUM VOICING I	PIN. N°	" N " CONN. DRUM VOICING II	PIN. N°	" P " CONN. RHYTHM SEL. KEYBD.
1	+ PREAMP. Vcc	1	+ PREAMP. Vcc	1	X(L.S.D. RHYTHM CODE)
2	LOW BONGO OUT	2	NOT CONNECTED	2	Y(2 <sup>nd</sup> S.D. " " " )
3	" " PULSE	3	"	3	LOGIC GROUND, ▽
4	SNARE DRUM BONGO OUT	4	HIGH BONGO OUT	4	RHYTHM SELECT STROBE
5	POSITIONING PIN	5	POSITIONING PIN	5	Z(M.S.D. RHYTHM CODE)
6	SNARE DRUM PULSE	6	HIGH BONGO PULSE	6	W(3 <sup>rd</sup> S.D. " " " )
7	BASS DRUM OUT	7	COW BELL, LOW, OUT	7	Z
				8	POSITIONING PIN
20	BASS DRUM PULSE	20	COW BELL PULSE	9	+ CMOS Vdd, ▲
21	WOOD BLOCK OUT	21	" " , HIGH, OUT		
22	" " PULSE	22	" " PULSE		
23	ORGAN GROUND, ↓	23	ORGAN GROUND, ↓		

PIN. N°	" Q " CONN. ACC. MODE SEL. KEYBD.	PIN. N°	" R " CONN. O.M. SEL. KEYBD.
1	+ LAMP POWER SUPPLY	1	+ LAMP POWER SUPPLY
2	AUT./MAN. MODE ENABLE	2	POSITIONING PIN
3	LOGIC GROUND, ▽	3	DOWN BEAT PULSE
4	MAGIC CHORD AV. SW. PL.	4	TOUCH MODE ENABLE
5	MAGIC CHORD " " "	5	DELAY STOP MODE EN.
6	AV. SW. POLES, COMMON	6	MEMORY MODE ENABLE
7	ORCH. U.M.C. MODE EN.	7	PAUSE
8	" " " AV. SW. PL.	8	LOGIC GROUND, ▽
9	" ON " " "	9	{ TEMPO CONTROL
10	ORGAN GROUND, ↓	10	"
11	ORCHESTRA LEVEL	11	"
12	" OUT		
13	DRUM LEVEL		
14	" OUT		
15	POSITIONING PIN		
16	ACC. MOD. AV. SW. POLE		
17	BASS ON " " "		
18	MASTER ON		
19	BASS ON		



MOD. N°	DESCRIZIONE	DATA	SCALA	NOTE used on	DATA	SCALA
18.12.76	18.12.76	18.12.76	1:2	THE PERFORMER	18.12.76	1:2
18.12.76	18.12.76	18.12.76	1:2	INTERCONNECTION LIST	18.12.76	1:2
18.12.76	18.12.76	18.12.76	1:2		18.12.76	1:2
18.12.76	18.12.76	18.12.76	1:2		18.12.76	1:2
18.12.76	18.12.76	18.12.76	1:2		18.12.76	1:2